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Derwent Title: **Overtvoltage detection device for electrical appliance, diverts supply current to earth connection, when increase in supply voltage level is detected**

Original Title: SG0086358A1: ELECTRICITY SUPPLY OVER-VOLTAGE PROTECTION DEVICE

Assignee: HI POWER SYSTEMS & IND PTE LTD Non-standard company

Inventor: KHIM A Y;

Accession/Update: 2003-014325 / 200301

IPC Code: H02H 3/20 ;

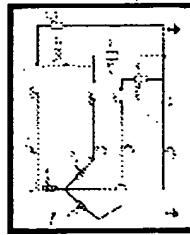
Derwent Classes: X13;

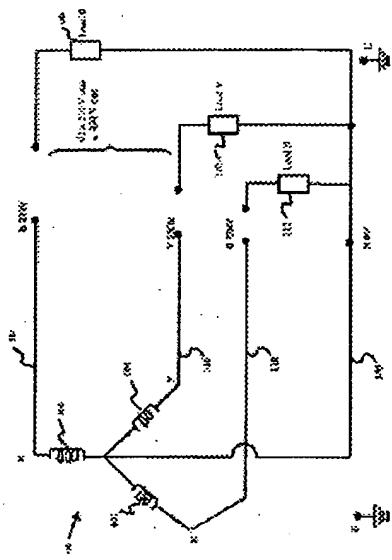
Manual Codes: X13-C01C(Excess, under- or no-voltage) , X13-C04B(Transformers, generators or sync. capacitors) , X13-C04C (Motors)

(SG0086358A) Novelty - Electric current diverter diverts supply current to an earth connection, on detection of increase in supply voltage level.

Detailed Description - An INDEPENDENT CLAIM is included for supply disconnection method.
Use - For protection of transformers and motors of electrical appliances and equipments used in homes, workplaces and industries.
Advantage - Electrical appliances and equipments are protected from any damage due to increase in supply voltage level.

Images:





Description of Drawing(s) - The figure shows a circuit diagram depicting the electrical connection between single phase or three phase electricity generator, an earth leakage circuit breaker (ELCB), an overvoltage protection device and loads in localized area such as home or office.

Dwg.2/5

Family: PDF Patent Pub. Date Derwent Update Pages Language IPC Code

SG0086358A1 * 2002-02-19 200301 23 English H02H 3/20

Local appis.: SG1999000005003 Filed:1999-10-06 (99SG-0005003)

Priority Number:

Application Number	Filed	Original Title
SG1999000005003	1999-10-06	ELECTRICITY SUPPLY OVER-VOLTAGE PROTECTION

Title Terms: OVERVOLTAGE DETECT DEVICE ELECTRIC APPLIANCE DIVERT SUPPLY CURRENT EARTH CONNECT INCREASE SUPPLY VOLTAGE LEVEL DETECT

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